

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-21. (Canceled)

22. (Currently Amended) A fluidic device, including a support, ~~produced from comprising~~ one or more components, ~~for example from a~~ support comprising:

[[-]] an operative cavity,

[[-]] at least two ducts, ~~for example the~~ at least two ducts comprising an inlet duct and an outlet duct for a liquid of interest, ~~which the~~ at least two ducts communicate with the operative cavity, respectively by means of ~~two a~~ valve bodies ~~body with no moving parts of a plurality of valve bodies with no moving parts, of the~~ type, for controlling the operative cavity,

[[-]] two trapping chambers for a gas, ~~for example air, which that~~ communicate only and respectively with the at least two ducts and, by means of ~~two~~ distinct channels for connecting, respectively, ~~said the~~ at least two ducts, and

[[-]] means for heat exchange with one and/or the other trapping chamber, in order to control ~~the a~~ a pressure of the gas in one and/or the other trapping chamber.

23. (Currently Amended) The fluidic device ~~as claimed in of~~ claim 22, ~~characterized in that~~ wherein each valve body with no moving parts is a capillary valve.

24. (Currently Amended) The fluidic device ~~as claimed in of claim 22~~ claim 23, ~~characterized in that~~ wherein each capillary valve is constructed so as to generate an overpressure at ~~the a~~ a meniscus ~~interface~~ between the gas and the liquid of interest, ~~referred to as a meniscus~~, that opposes any displacement of the liquid beyond the valve, against the overpressure.

25. (Currently Amended) The fluidic device ~~as claimed in claim 22 of claim 23,~~
~~characterized in that~~wherein each capillary valve comprises a base, ~~the~~ a cross section
of which increases in ~~the~~ a direction of ~~the~~ a concavity of ~~said the~~ meniscus when the
liquid of interest is wetting, or the cross section of which decreases in the direction of
~~said the~~ concavity when ~~said the~~ liquid of interest is not wetting.

26. (Currently Amended) The fluidic device ~~as claimed in of claim 22, characterized~~
~~in that it comprises~~further comprising two isolating means placed, respectively, on the
at least two ducts, each isolating means ~~constructed to take~~ taking up two positions,
~~namely an the two positions being an~~ open position ~~which that~~ establishes
communication from one said duct with ~~the~~ an outside, and a closed position ~~which~~
that isolates ~~said the~~ duct from the outside.

27. (Currently Amended) The fluidic device ~~as claimed in of claim 22, characterized~~
~~in that it comprises~~further comprising two expansion chambers, each one of the two
expansion chambers placed between ~~said the~~ operative cavity and each duct, each of
the expansion chamber ~~chambers~~ communicating, on one side, with ~~said one of the~~
ducts ~~duct~~ by means of a first capillary valve with no moving parts, that opposes any
flow of liquid to ~~said the~~ chamber and, on the other side, with ~~said the~~ cavity by
means of a second capillary valve that opposes any flow of liquid to ~~said the~~ chamber.

28. (Currently Amended) The fluidic device ~~as claimed in of claim 27, characterized~~
~~in that wherein~~ the two connecting channels each connect a trapping chamber with an
expansion chamber.

29. (Currently Amended) The fluidic device ~~as claimed in of claim 27, characterized~~
~~in that wherein~~ each connecting channel communicates with ~~the~~ a corresponding
expansion chamber by means of a capillary valve with no moving parts, that opposes
any flow of liquid to ~~said the~~ trapping chamber .

30. (Currently Amended) The fluidic device ~~as claimed in~~ claim 27, characterized ~~in that~~ wherein the two expansion chambers are substantially identical, ~~in particular~~ in volume.

31. (Currently Amended) The fluidic device ~~as claimed in~~ claim 22, characterized ~~in that~~ wherein the two trapping chambers are substantially identical, ~~in particular~~ in volume.

32. (Currently Amended) The fluidic device ~~as claimed in~~ claim 22, characterized ~~in that it comprises~~ further comprising an incubation chamber, ~~the an~~ outlet of which communicates with the inlet duct, and the operative cavity comprises, ~~in the form of particles,~~ particles that form a support functionalized with a ligand.

33. (Currently Amended) The fluidic device ~~as claimed in~~ claim 22, characterized ~~in that~~ further comprising a means for oriented dissociation, ~~for example a heating means,~~ is placed in contact with the inlet duct.

34. (Currently Amended) The fluidic device ~~as claimed in~~ claim 33, characterized ~~in that~~ further comprising a means for retaining particles, ~~for example magnetic particles,~~ is placed in contact with the inlet duct, downstream with respect to the means for oriented dissociation.

35. (New) The fluidic device of claim 33, wherein the means for oriented dissociation is a heating means.

36. (New) The fluidic device of claim 34, wherein the particles being retained are magnetic particles.